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Separate paging is given to this Part in order that it may be filed as a separate compilation

PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE Patents and Designs

Calcutta, the 25th May 1957

Applications for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

9th May 1957

- 60434. R. A. Cole and Kalyan Kumar Nag. Improved method for making inflammable expanded thermoplastic synthetic resins flame resistant.
- 60435. N. V. De Batafsche Petroleum Maatschappij. Process for removing sulphur compounds, especially thiophenes, etc.
- 60436. United Kingdom Atomic Energy Authority. Improvements in or relating to shackles. (23rd May 1956).
- 60437. Shanks & McEwan Limited and Colvilles Limited. Method of and materials for surfacing roads and the like. (27th June 1956).
- 60438. D. Napier & Son Limited. Control systems for variable speed gas turbine power units. (14th May 1956).
- 60439. D. Napier & Son Limited. Control systems for power plants having at least two power units. (14th May 1956).
- 60440. The Associated Portland Cement Manufacturers Limited. Improvements in and relating to the manufacture of Portland Cement, lime and the like. (16th May 1956).
- 60441. The Mond Nickel Company Limited. Improvements relating to the electrodeposition of rhodium. (10th May 1956).
- 60442. The British Paper and Board Industry Research Association. Improvements in or relating to the pulping of cellulosic material.
- 60443. H. S. Smith Roadway guard rail barrier.
- 60444. Carry-Pack Co. Ltd. Automatic devices for the manufacture of parcel carriers.
- 60445. Cromolite (India) Private Ltd. Improvements in or relating to chairs.

10th May 1957

- 60446. R. S. Bhalekar. An improved industrial hammer.
- 60447. B. H. Pedersen. Process and apparatus for producing sheets of thermoplastic material.
- 60448. Imperial Chemical Industries Limited. Improvements in and relating to the polymerisation of olefines. (15th April 1955). [Divisional date 12th December 1955].
- 60449. Imperial Chemical Industries Limited. Improved polymerisation process. (15th July 1955). [Divisional date 12th December 1955].

- 60450. Imperial Chemical Industries Limited. Improvements in and relating to the polymerisation of olefines. (11th August 1955). [Divisional date 12th December 1955].
- 60451. Imperial Chemical Industries Limited. Improvements in and relating to the polymerisation of olefines. (2nd September 1955). [Divisional date 12th December 1955].
- 60452. Imperial Chemical Industries Limited. Improvements in and relating to the polymerisation of olefines. [Divisional date 12th December 1955].
- 60453. Imperial Chemical Industries Limited. New penicillin salts. (18th May 1956).
- 60454. Ames Irrigation Pty. Limited. Improved pipe coupling.

- 60455. I. D. Glazer. Bottle carrier.

11th May 1957

- 60456. K. K. Patel. An improved method of manufacturing plastic bangles and the like.
- 60457. T. V. M. Swami. Radically improved bicycle oil bath gear case.
- 60458. S. Patwari. New method of producing coloured movie pictures, using black and white processing and film, with the aid of coloured filter shutters.
- 60459. Union Carbide Corporation. Treatment of titaniferous ores.
- 60460. C. C. Wakefield & Company Limited. Improvements in or relating to lubricating oil compositions. (14th May 1956).
- 60461. Bristol Aero-Engines Limited. Fuel reignition devices for use in combustion chambers of propulsion engines of the continuous internal combustion type. (16th May 1956).
- 60462. Chas. Pfizer & Co. Inc. Antibiotic.
- 60463. Multitone Electric Company Limited. Receiver for electro-magnetic signals. (16th May 1956).
- 60464. Filon International Establishment. Composite sheet fabricating apparatus and method. (8th August 1956).
- 60465. D. Napier & Son Limited. Cooled hollow turbine blades. (15th May 1956).

14th May 1957

- 60466. D. S. Deodhar and H. N. Patel. Equipment and process for changing molecular structure of polythene film surface to make it suitable for printing.
- 60467. R. W. Gunson (Seeds) Limited and H. Fraenkel. Improvements in grading machines. (11th May 1956).
- 60468. British Telecommunications Research Limited. Improvements in or relating to the storage of electrical signals. (18th May 1956). [Addition to No. 57848].

60469. Nippon Kagaku Seni Kenkyujo. Process for manufacturing dissolving pulp especially from bamboo chips.
60470. Chas. Pfizer & Co. Inc. Therapeutic agents and the preparation thereof.
60471. Chas. Pfizer & Co. Inc. Anthelmintic compositions.
60472. The Dow Chemical Company. Process for preparing a molding composition.
60473. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to sources of radiation comprising a luminescent layer.
60474. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to sources of radiation having a luminescent layer.
60475. Gutehoffnungshutte Sterkrade Aktiengesellschaft. Method and apparatus for the mixing of raw sugar juices.
60476. Gutehoffnungshutte Sterkrade Aktiengesellschaft. Improvements relating to the production of drum-like containers.
60477. Gutehoffnungshutte Sterkrade Aktiengesellschaft. Improvements relating to automatic bottom closures for centrifugal drums.
60478. Gutehoffnungshutte Sterkrade Aktiengesellschaft. Improvements relating to couplings for suspended centrifugal drums.
60479. Gutehoffnungshutte Sterkrade Aktiengesellschaft. Improvements relating to roller supports of cane sugar mills.
60480. Gutehoffnungshutte Sterkrade Aktiengesellschaft. Method and apparatus for the operation of discharge means in centrifuges.
60481. J. Handley. Improvements in high speed printing machines. (15th May 1956).
60482. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning. Manufacture of solid, stable diazonium compounds. (19th December 1956).
60483. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning. Process for fixing pigments on fibrous materials and two-dimensional structures.
60484. Metropolitan-Vickers Electrical Company Limited. Improvements relating to precision casting by lost wax process.
60485. Metropolitan-Vickers Electrical Company Limited. Improvements relating to precision casting by lost wax process.
60486. Metropolitan-Vickers Electrical Company Limited. Improvements relating to compositions suitable for making refractory articles.
60487. Bundy Tubing Company. Improvements in or relating to tube structures for the transference of heat.
60488. Bundy Tubing Company. Improvements in or relating to the manufacture of tubing.
60489. United States Pipe and Foundry Company. Improvements in or relating to pipe joint.
60490. J. D. Robertson. Improvements in apparatus for detecting weft abnormalities in woven materials.
60491. C. A. Parsons & Company Limited. Improvements in and relating to nuclear reactors. (18th May 1956).
60492. Societe Anonyme Des Manufactures Des Glaces Et Produits Chimiques De Saint-Gobain, Chauny & Cirey. Process and devices for the manufacture of mats of fibres, particularly glass fibres.
60493. L. T. B. Van Renswoude. Improvements in or relating to locking rings for use under nuts or screw-heads.
60494. Kartick Chundra Dutta. Improvement in or relating to pressure cooker.
60495. Y. D. Tandon. Improvements in or relating bottles particularly ink bottles.
60496. R. A. Cole Private Limited. Improved method for acoustical correction.
60497. P. M. Mehta. Improved direction signal for bicycles, motor cars and like vehicles.
60498. K. B. Thangaraj. Quickly bailing out water from wells in large quantities called "Ark Water Lift"
60499. Ministerul Industriei Petrolului Si Chimiei. Improvements in or relating to the preparation of 3:5-dioxo-pyrazolidine.
60500. Ministerul Industriei Petrolului Si Chimiei. Improvements in or relating to phosphatic manures
60501. Chas. Pfizer & Co. Inc. Therapeutic agents and intermediates and preparation thereof.
60502. Imperial Chemical Industries Limited. Improvements in or relating to compositions of solid polymers of ethylene.
60503. Imperial Chemical Industries Limited. Improvements in or relating to polymers of ethylene.
60504. Imperial Chemical Industries Limited. An improved process for shaping resins. (18th May 1956).
60505. Hoover Limited. Improvements relating to domestic electric appliances. (18th May 1956).
60506. Perfogit Societa per Azioni. Process and apparatus for the melt-spinning of synthetic linear polymers.
60507. L. Ragionieri. Inking apparatus applicable to machines equipped with an inked writing tap for adjusting the inking of said writing tape.
60508. Societe Des Forges Et Ateliers Du Creusot, (Societe Anonyme), Water-supply engineering grid installation.
60509. Union Carbide And Carbon Corporation. Process and agent for treating ferrous materials. 29th January 1957).
60510. W. C. Holmes & Co. Limited and W. T. Cosby. Improvements in and relating to electrostatic precipitators.
60511. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to a method of coating a molybdenum wire with a black layer and grid for use in electric discharge tubes, made of such wire.
60512. Ciba Limited. A new pyridazine compound and process for its manufacture.
60513. Ciba Limited. Process for the manufacture of phosphoric acid esters and condensation products.
60514. Ciba Limited. Acylamino-carboxylic acid amides and process for their manufacture.
60515. Eternit-Werke Ludwig Hatschek. Improvements in or relating to pipe couplings.
60516. Union Carbide Corporation. Production of titanium.
60517. Union Carbide Corporation. Purification of titanium carbide

Alteration of Dates

58789. The claim to priority date 1st November 1955 has been abandoned and the application dated as of 31st October 1956, the date of filing in India.
57484. Ante dated to 19th May 1955 under Section 5 of the Act.
60199. Ante dated to 18th November 1955 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

55379. Bristol Aircraft Limited. Improvements in or relating to methods of making hollow bodies from fibrous material bonded with heat hardening resin. (23rd September 1954). Accepted on 15th May 1957.
- Covering a former with an air impervious member on which is placed a coating of fibrous material impregnated with a heat-hardenable resin, inserting the former into a hollow moulding tool and then curing the resin.*
55799. The English Electric Company Limited. Improvements in and relating to electric isolator switches. (7th December 1954). Accepted on 9th May 1957.
- Enclosed within cabinet having closable aperture for operating handle and including indicator responding to operating member, movement of indicator transmitted through latch which moves to lock operating member when it has reached open position of switch contacts, the latch arranged for access through said aperture for manually releasing it.*
55805. Standfast Dyers and Printers Limited. Improvements relating to the dyeing of textile and like materials (12th November 1954). Accepted on 11th May 1957.
- Wherein the dyestuff, a reducing medium and an alkali solvent for the dyestuff are brought together, impregnation taking place at low temperature and thereafter the temperature of the impregnated material is raised.*
55824. James Burn and Company Limited. Improvements in and relating to bookbinding. (15th November 1954). Accepted on 11th May 1957.
- Wherein the sheets are held during binding on hooks or claws passing through the perforations which are of channel section.*
55836. Chicago Pneumatic Tool Company. Impact clutch. Accepted on 15th May 1957.
- Resilient or pressure means for automatically moving rotatable hammer dog in declutching direction away from a rotatable anvil and re-clutching means for positively moving the dog toward anvil to deliver rotational impact; re-clutching means include cam mechanism comprising two cam elements arranged to move relatively in response to relative rotation of dog and anvil.*
55842. William Prym-Werke Kommandit-Gesellschaft. Improvement in or relating to sliding clasp fasteners. Accepted on 10th May 1957.
- Wherein the interlocking elements on atleast one of the stringers comprises a plurality of projecting portions of threads formed in spaced apart relationship.*
55866. H. J. V. D. Meer. Method and device for the sorting of dry factory tea. Accepted on 9th May 1957.
- Tea leaf is conveyed on a belt and is allowed to be broken between pressure rollers and later a separation made between the resulting heavy and light particles of tea leaf.*
55884. Sarada Charan Das. Cantilever Retractable awning. Accepted on 9th May 1957.
- A transversely extending rod carried in the front fringe of sheet of flexible material and two pairs of cantilever folding arms supporting the rod.*
55983. W. F. Wooldridge. Improvements in antifungal substance. Accepted on 15th May 1957.
- Comprises an active material consisting of the alcohol-soluble material extracted from the mycelium formed on fermenting a culture of streptomyces NRRL2390 in a nutrient medium.*
56027. Gutehoffnungshutte Sterkrade Aktiengesellschaft. Improvements in roll housings for sugar cane mills and the like. Accepted on 9th May 1957.
- Wherein the upper part and the lower part of the housing are secured to one another by tangential wedges.*
56152. Heinrich Koppers Gesellschaft mit beschränkter Haftung. Process and equipment for the production of ethylene. Accepted on 10th May 1957.
- By conducting hydrocarbon mixture through solid heat carriers, the cracking taking place at 850°—1000° in the presence of carrier gas consisting of hydrogen or mixture of hydrogen and nitrogen.*
56225. Universal Oil Products Company. Improvements in or relating to the manufacture of gasoline. Accepted on 9th May 1957.
- Producing high octane rating gasoline by a combined reforming stage and an extraction stage.*
56226. Universal Oil Products Company. Improvements in or relating to the catalytic conversion of hydrocarbons. Accepted on 9th May 1957.
- Subjecting a gasoline of low content of aromatic hydrocarbon to a combined solvent extraction and catalytic reformation step.*
56237. Signode Steel Strapping Company. Seal blank. Accepted on 9th May 1957.
- Each blank having a back plate to which is joined a pair of flanges, the flanged faces being formed with complementary engageable retaining means.*
56276. United Kingdom Atomic Energy Authority. Recovery of thorium from monazite. (13th January 1955). Accepted on 9th May 1957.
- By digesting the monazite with sulphuric acid to a pasty mass, adding the same to water and filtering it.*
56316. Resource Use Limited. Process for the production of an hydraulic binding material by dry-grinding granulated blast furnace slag to a very fine state. Accepted on 10th May 1957.
- Comprising draining the slag, crashing it and subjecting the same to high velocity gas jet means to throw the slag particles violently against one another.*
56377. Ciba Limited. Process for the manufacture of organic acid chlorides and derivatives thereof. Accepted on 10th May 1957.
- An organic acid is reacted with thionyl chloride in the presence of a formic acid amide.*
56387. Societe D'Appareils De Contrôles Et D'Équipement Des Moteurs S.A.C.E.M. Societe Anonyme. Improvements in frames for bicycles, in particular for bicycles having an auxiliary engine. Accepted on 9th May 1957.
- Comprises a horizontal fork the arm of which on the same side as the chain is located partly above the chain and has side and upper flanges to act as a chain protector.*
56464. Unilever Limited. Improvements in or relating to dentifrice compositions. Accepted on 9th May 1957.
- Containing high molecular weight surface active agent like sodium-lauroyltyrosinate, sodium-oleoyltyrosinate or sodium N-ricinoleoyltyrosinate.*
56692. Hytakos AG. Machine for the manufacture of shape-retaining pressings, in particular pads. Accepted on 9th May 1957.
- The circumference of the rotary tool holding plate is provided with several plier type clamping jaws and radially displaceable press dies.*
56705. Council of Scientific and Industrial Research. Low melting chemically resistant glass compositions. Accepted on 15th May 1957.
- Containing 60—65 per cent SiO₂; 5—9 per cent R₂O₃ (Fe₂O₃ or Al₂O₃); 8—12 per cent RO, 3—5 per cent K₂O and 10—15 per cent Na₂O, where RO is CaO, MgO, ZnO, MnO, BaO or PbO.*

56746. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to stud-welding guns. Accepted on 14th May 1957.

Comprising a central pin acting as a stop for a stud and adjustable relatively to the movable part.

56783. Hercules Powder Company. Improvements in or relating to process for polymerizing olefines. Accepted on 11th May 1957.

Polymerizing at least one ethylenically unsaturated hydrocarbon by contacting the said unsaturated hydrocarbon with a two-component catalyst composition.

56941. Societe Carbochimique, Societe Anonyme. Process on manufacturing non conglomerating ammonium sulfate and products resulting therefrom. Accepted on 10th May 1957.

Incorporating less than 0.1 per cent by weight of a poly-ethylene glycol in ammonium sulphate crystals.

56942. J. F. Williams. Hopper device for seeding insecticides and other powders. Accepted on 10th May 1957.

Comprising a hopper from which the powder flows into a flow chamber bounded by reticulated discs at the upper and lower ends so that on rotation of the discs, the powder will be delivered from the hopper into the flow chamber.

57007. Council of Scientific and Industrial Research. A process for the preparation of ethylene from ethyl alcohol. Accepted on 9th May 1957.

Passing superheated vapours of ethyl alcohol through a fluidised bed of activated alumina type catalyst at 600–750°F.

57050. Titan Co. A/S. A process for producing a metallic iron concentrate and a titanium containing concentrate. [Addition to No. 51206]. Accepted on 9th May 1957.

Material containing iron and titanium is mixed with 2–6 per cent of atleast one alkali metal compound, calcining the mixture under reducing conditions at a temperature between 1100°C–1200°C.

57071. G. W. Edwards and R. Sevin. Improvements in or relating to grinding mills. Accepted on 10th May 1957.

Wherein the treated product issuing from grinding wheels passes via a space through which air or vapour is caused to flow.

57236. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of sheet-like structures from polymer emulsions. (5th March 1956). Accepted on 15th May 1957.

Admixing aqueous emulsion of copolymer containing carbonyl, carboxyl or carbonamide groups with water-soluble resin forming formaldehyde condensation product.

57252. Weco Products Company. Method of treating nylon bristles and products produced thereby. Accepted on 9th May 1957.

Dipping filaments in a solution containing for every 100 milliliters of water 80 to 100 milliliters of water soluble alcohol from 4 to 10 grams of a phenyl mercuric salt and 2 grams of boric acid.

57338. Centre National De La Recherche Scientifique. Improvements in grafting polymers or copolymers. Accepted on 9th May 1957.

Subjecting polymer to ionizing radiation while in contact with at least one vinyl compound.

57432. Strachan & Henshaw, Limited. Improvements in or relating to devices for retarding the movement of wheeled vehicles. (27th May 1955). Accepted on 9th May 1957.

Gradual contacting of a movable rocker arm with wheels effected by hydraulic unit retards the movement of the wheeled vehicles absorbing an dissipating energy.

57484. Ciba Limited. Process for the manufacture of new esters. [Divisional date 19th August 1955]. Accepted on 10th May 1957.

Converting glucoopyranosyl-glucoopyranosides or metal salts thereof into esters with carboxylic acid containing, not more than 10 carbon atoms or metal salts thereof, by esterifying methods known per se.

57537. Phenix Works Societe Anonyme. Method of coating sheet metal with plastic and sheet metal provided with a plastic coating according to this method. Accepted on 9th May 1957

Comprising coating the metal surface with a layer of adhesive, heating the surface to a temperature so as to maintain the adhesive in a soft and receptive state and supplying a preformed film of plastic material.

57650. Farbenfabriken Bayer Aktiengesellschaft. New phosphoric and thionophosphoric acid esters and a process for their production. (11th August 1955). Accepted on 10th May 1957.

Reacting dialkyl phosphoric or thionophosphoric acid monohalide with cyclic dicarboxylic acid oximide when alkyl group has not more than 4 carbon atoms.

57773. Societe Anonyme Des Manufacturers Des Glaces Et Produits Chimiques De Saint-Gobain, Chauny & Cirey. New glass compositions. (20th June 1956). Accepted on 9th May 1957.

Containing less than 5 per cent B_2O_3 , 7 to 10 per cent lime and 2 to 5 per cent magnesia.

57774. Societe Anonyme Des Manufacturers Des Glaces Et Produits Chimiques De Saint-Gobain, Chauny & Cirey. New glass compositions. (20th June 1956). Accepted on 9th May 1957.

Containing less than 5 per cent ZrO_2 and/or TiO_2 , 0 to 5 per cent boric anhydride, 7 to 10 per cent lime and 2 to 5 per cent magnesia.

57775. R. Y. Sanders, Jr. Marked pharmaceutical tablet and method of marking the same. Accepted on 15th May 1957.

Providing identifying indicia on coated core and covering it with transparent material.

58176. Olin Mathieson Chemical Corporation. Preservation of non-human animal bones. Accepted on 9th May 1957.

Removing bone under sterile conditions and placing the same in a container having therein antibiotic agent and blood plasma or serum.

58292. Diamond Alkali Company. Method of purifying chlorine. Accepted on 10th May 1957.

Introducing a gaseous mixture of chlorine with inert atmosphere into a absorption zone, and then introducing CCl_4 into the zone.

58491. V. R. Sonti. Improvements in or relating to bogies for conveying timber or like articles to pressure cylinders or like receptacles for treatment with preservative compositions. Accepted on 10th May 1957.

Bogie with trolley part carrying an easily separable tray part having a bottom curvature conforming to pressure cylinder.

58538. H. Ingold. Arrangement for the shifting of containers and platforms. Accepted on 9th May 1957.

Conveyor chain carrying coupling members and by clamping arrangement, container is yieldably coupled with chain.

58539. Standard Telephones and Cables Limited. Loading coil assembly. (5th October 1955). Accepted on 9th May 1957.

Plurality of loading coils enclosed in a tube of insulating material and connected to the appropriate conductors.

58710. C. S. Rao. Improvements in or relating to compasses, dividers or like mathematical instruments. Accepted on 9th May 1957.

Having both the component legs, adjustably expandable.

58789. M. Henry. Improvement of the tensile strength of metal products. Accepted on 9th May 1957.

Twisting metal in hot state and eliminating torsional deformation at lower temperature.

58933. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to resistors having a negative temperature coefficient. Accepted on 9th May 1957.

Consisting of nickel oxide having 0.1 to 10 mol per cent of lithium oxide and from 1 to 30 mol per cent of copper oxide.

58957. Saunders Valve Company Limited. Improvements in and relating to fluid controlling valves. (30th November 1955). Accepted on 9th May 1957.

A flexible indicating member connected at one end to a part of the valve which rises and falls as the valve is opened and closed.

59103. Societe Anonyme Des Manufactures Des Glaces Et Produits Chimiques De Saint-Gobain, Chauny & Cirey. Improvements in or relating to a process for the manufacture of polysulphone resins. Accepted on 9th May 1957.

Polymerising hydrocarbons of the ethylene series with sulphur dioxide under the action of gamma rays.

59181. Standard Pharmaceutical Works Ltd. Improved process and nutrient medium for producing penicillin. [Addition to No. 52744]. Accepted on 10th May 1957.

Wherein the nutrient medium contains one or more precursors capable of furnishing phenoxy methyl radical during biosynthesis or salt thereof.

59491. Societe Anonyme Pour L'Industrie De L'Aluminium. Improvements relating to electrolytic cells for the production of aluminium. Accepted on 10th May 1957.

Comprising cathode bars embedded in the carbon bottom lining of the cell, the horizontal straight part of the cathode is beneath the surface of the anode facing the bottom of the cell cavity.

60199. British Telecommunications Research Limited. Improvements in or relating to electrical signalling systems particularly telephone or like systems. (19th November 1954). [Divisional date 18th November 1955]. Accepted on 10th May 1957.

Employing high speed register device of the magnetic drum type.

Printed Specifications Published

A limited number of printed copies of the undernoted specifications are available for sale from Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta at two rupees per copy.

51999. 52000. 52019. 52052. 52053. 52079. 52105. 52362. 52578. 52612. 52613. 52625. 52669. 52699. 52827. 52830. 52949. 52962. 53041. 53362. 53451. 53452. 53471. 53649. 53698. 53716. 53786. 53931. 53998. 54036. 54092. 54146. 54266. 54632. 54725. 54726. 54727. 54805. 54864. 54865. 54938. 54997. 55064. 55182. 55192. 55313. 55499. 56660. 56661. 51594. 54658. 49842. 51338.

Patents Sealed

54000. 54733. 54760. 54785. 54795. 54802. 54966. 54990. 54992. 55199. 55205. 55302. 55334. 55375. 55650. 55724. 55764. 55822. 55870. 55904. 55937. 55952. 56088. 56110. 56131. 56150. 56183. 56199. 56282. 56302. 56328. 56356. 56370. 56388. 56403. 56423. 56533. 56600. 56695. 56699. 56707. 56717. 56751. 56867. 56899. 56903. 57037. 57052. 57057. 57097. 57118. 57226. 57228. 57233. 57313. 57345. 57369. 57467. 57469. 57504. 57631. 57696. 57834. 57872.

Amendment Proceedings

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Ciba Limited, Chemical Manufacturers, a Swiss Corporation, of 141, Klybeckstrasse, Basle, Switzerland seek leave to amend claim 1 in the specification and Figure 6 of the drawings in respect of parent application No. 50757. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (Form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta 17. The proposed amendment may be seen free

of charge at the Patent Office, or copies thereof may be obtained from the Patent Office, on payment of the usual charges

Renewal Fees Paid

24238. 25218. 25219. 25223. 26550. 27574. 27616. 29343. 29344. 30740. 31035. 32535. 32728. 32736. 32766. 32790. 32791. 32918. 33089. 33131. 33286. 33424. 33426. 33523. 35209. 35218. 35573. 35574. 35605. 35642. 35683. 35684. 35756. 36175. 36212. 37230. 37268. 37590. 37657. 37840. 38114. 38267. 38310. 39893. 39971. 39975. 39999. 40021. 40041. 40080. 40185. 40596. 41403. 41412. 41413. 41484. 41494. 41509. 41545. 41600. 41635. 41817. 41900. 41976. 41977. 42425. 42781. 43207. 43210. 43362. 43397. 43398. 43427. 43710. 43711. 43712. 44069. 44100. 45189. 45209. 45214. 45261. 45323. 45369. 45379. 45483. 45658. 45659. 47022. 47023. 47292. 47333. 47357. 47358. 47386. 47394. 47441. 47470. 47479. 47480. 47491. 47495. 47582. 47655. 47688. 49048. 49563. 49589. 49598. 49604. 49652. 49657. 49661. 49662. 49671. 49707. 49733. 49747. 49748. 49750. 49751. 49752. 49762. 49790. 49861. 49864. 49901. 49953. 49965. 50441. 51235. 52019. 52104. 52415. 52419.

RENEWAL FEES PAID in respect of State Patents under provision of Section 80 of the Indian Patents and Designs Act

Baroda Patents

58.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the design including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 89726. Abdul Rahiman Rasool, Proprietor. A. R. Welding Works, 22 East Veli Street, Madurai, S. India, Muslim, subject of the Indian Union, "Seat", January 29, 1957.

Class 5. No. 89963. Sripada Satyanarayana, Proprietor. Srivis Perfumery Works, 21, Varadamuthiappan Street, Madras 1, S. India, Hindu, Subject of the Indian Republic, "Carton", February 20, 1957.

Class 5. No. 89964. Sripada Satyanarayana, Proprietor. Srivis Perfumery Works, 21, Varadamuthiappan Street, Madras 1, S. India, Hindu, Subject of the Indian Republic, "Wrapper", February 20, 1957.

Class 13. No. 88454. Cheluka Krishna Aiyer Srinivassiyer known as Cheluka K. Srinivasaiyer, trading as Sree Parasakti & Coy., 3 Lakshimpuram, 2nd Street, Madurai (Madras State), a subject of the Indian Republic, "Border of sarees". October 25, 1956

Class 13. Nos. 89888 to 89900. The Shree Niwas Cotton Mills Ltd., an Indian firm situated at Delisle Road, Bombay 13. "Cotton piecegoods". February 15, 1957.

Class 13. Nos. 90019 and 90020. The Arvind Mills Ltd., Naroda Road, Ahmedabad 2, Indian company. "Cotton textiles fabrics". February 23, 1957.

Class 13. Nos. 90043 to 90049. Jiyajeerao Cotton Mills Ltd., Indian company, Birla Nagar (Gwalior), "Textile goods", February 26, 1957.

Class 13. Nos. 90051 to 90056. The Century Spg. & Mfg. Co. Ltd., Indian company, Industry House, 159, Churchgate Reclamation, Bombay 1, "Textile goods", February 26, 1957.

Class 13. No. 90077. H.A. Shah & Co., Indian, Partnership concern, whose partners are 1. Shri Shantilal H. Shah, 2. Shri Kantilal H. Shah, 3. Shri Vasant H. Shah, of Vasant Vijay Mills, "Vasant Vijay", 470-71, Worli Road, Bombay 18 (India). "Textile goods", February 26, 1957.

Class 13. No. 90082. The Arvind Mills Ltd., Naroda Road, Ahmedabad 2, Indian company, "Cotton textiles fabrics", February 26, 1957.

Class 13. No. 90151. The Arvind Mills Ltd., Naroda Road, Ahmedabad 2, Indian company, "Cotton textiles fabrics", March 5, 1957.

Class 13. No. 90177. The Modi Spg. & Wvg. Mills Co. Ltd., Modinagar (District Meerut, Uttar Pradesh, Indian company, "Textile piecegoods", March 8, 1957.

- Class 13. Nos. 90207 to 90209, 90211 and 90212. The Svadeshi Mills Co Ltd., Bombay House, Bruce Street, Fort, Bombay, Indian, "Textile goods", March 11, 1957.
- Class 13. Nos. 90283. The Arvind Mills Ltd, Naroda Road, Ahmedabad 2, Indian company, "Cotton textiles fabrics", March 18, 1957.
- Class 13. No. 90311 The Svadeshi Cotton Mills Company Limited, an Indian company, whose registered office is at Kanpur, Uttar Pradesh, India Manufacturers of Textiles, "Textiles", March 19, 1957.
- Class 13. Nos. 90325 to 90327. The Century Spg & Mfg Co Ltd., Indian company, Industry House, 159 Churchgate Reclamation, Bombay 1, "Textile goods", March 21, 1957.
- Class 13. Nos. 90334 to 90338. Calico Dyeing and Printing Mills Private Ltd., Industrial Estates, 41E Parel Chawl Road, Lalbaug, Bombay 12, Nationality-Indian business concern (Private Limited Company), "Textile goods including silks and art-silk piecegoods", March 23, 1957.
- Class 13. Nos. 90411 to 90417. The Sarangpur Cotton Mfg. Co. Ltd., Outside Raipur Gate, Post Box No. 19, Ahmedabad, Indian company, "Textile goods", March 27, 1957.
- Class 13. No. 90426. The Delhi Cloth & General Mills Co. Ltd., Indian company, Post Box No. 1039, Bara Hindu Rao, Delhi, "Textile piecegoods", March 28, 1957.
- Class 13. Nos. 90433 and 90434. Dhanraj Mills (Private) Ltd., Sun Mill Road, Lower Parel, Bombay, India, a company incorporated in India, "Textile piecegoods", March 29, 1957.
- Class 13. Nos. 90441 to 90443. Calico Dyeing & Printing Mills Private Ltd., Industrial Estates, 41E Parel Chawl Road, Lalbaug, Bombay 12, Indian business concern (Private Limited Company), "Textile goods including silks and art-silk piecegoods", April 2, 1957.
- Class 13. No. 90444. H. A. Shah & Co., Partnership concern, whose partners are (1) Shri Shantilal H. Shah, (2) Shri Kantilal H. Shah, (3) Shri Vasant H. Shah, Indian of Vasant Vijay Mills, "Vasant Vijay", 470-71 Worli Road, Bombay 18 (India), "Textile goods", April 4, 1957.
- Class 13. Nos. 90470 to 90472. The Bombay Union Dyeing Mills, Proprietors: M/s. Megji Mathradas, 71, Government Gate Road, Parel, Bombay 12, Indian partnership firm; Name of Partners: 1. Dwarkadas Megji, 2. Manibai Megji, 3. Zaverbai Madhavji, "Textile goods", April 6, 1957.
- Class 13. Nos. 90473 to 90482. The Shree Niwas Cotton Mills Ltd., an Indian firm situated at Delisle Road, Bombay 13, "Cotton piecegoods", April 6, 1957.
- Class 13. No. 90483. M/s. The New Shorrock Spg. & Mfg. Co. Ltd., Nadiad, District Kaira, Bombay State, Indian company nationality, "Textile goods", April 6, 1957.
- Class 13. No. 90485. The Tata Mills Ltd., Bombay House, Bruce Street, Fort, Bombay, Indian, "Textile goods", April 8, 1957.
- Class 13. Nos. 90490 to 90495. Dhanraj Mills (Private) Ltd. of Sun Mills, Lower Parel, Bombay, India, an Indian firm, "Textile piecegoods", April 8, 1957.
- Class 13. No. 90496. The India United Mills Ltd, Indu House, Dougall Road, Ballard Estate, Bombay 1, India, a company incorporated in India, "Textile piecegoods", April 8, 1957.
- Class 13. Nos. 90426 and 90427. Bombay Calico Printing Mills, Chah Rajwala, G.T. Road, Amritsar of Indian partnership firm, "Cotton piecegoods", April 9, 1957.
- Class 13. No. 90528. H. A. Shah & Co., Partnership concern whose partners are 1. Shantilal H. Shah, 2 Kantilal H. Shah, 3. Vasant H. Shah, Indian, of Vasant Vijay Mills, "Vasant Vijay", 470-71, Worli Road, Bombay 18 (India), "Textile goods", April 9, 1957.
- Class 13. Nos. 90534 and 90535. The Victoria Mills Limited, an Indian Company situated at De Lisle Road, Parel, Bombay 13, "Cotton piecegoods", April 12, 1957.

- Class 13. No. 90538. M/s The New Shorrock Spg. & Mfg. Co Ltd Nadiad, District Kaira, Bombay State, Indian company nationality, "Textile goods", April 15, 1957.
- Class 13. Nos. 90574 to 90581. The Delhi Cloth and General Mills Co Ltd, Indian company, Post Box No. 1039, Bara Hindu Rao, Delhi, "Textile piecegoods", April 15, 1957.
- Class 13. Nos. 90584 to 90590. The Mafatlal Fine Spg. & Mfg. Co Ltd, an Indian company of Navsari, Bombay State, "Textile goods", April 16, 1957.
- Class 13. No. 90591 The Victoria Mills Limited, an Indian company situated at De Lisle Road, Parel, Bombay 13, "Cotton piecegoods", April 16, 1957.
- Class 13. No. 90592 Messrs The Bharat Suryodaya Mills Co. Ltd., Port Mananagar, Ahmedabad 8, an Indian company registered under the Indian companies Act, "Textile piecegoods", April 16, 1957.

Cancellation of Registration of Designs

The application for cancellation of the registration of Design No 83712 made by Hosagrahar Chandrasekharaiya Ramanna, Hosagrahar Chandrasekharaiya Nagabhushana, Hosagrahar Chandrasekharaiya Shankar and Hosagrahar Chandrasekharaiya Krishna Rao as notified in Part III, Section 2 of the Gazette of India dated 10th November 1956, has been disallowed.

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Calcutta, the 1st June 1957

SPECIAL NOTICE

There was no notification on 18th May 1957.

Applications for Patent

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

16th May 1957

- 60518 British Insulated Callender's Cables Limited. Improvements in or relating to apparatus for reeling electric cables and other elongated flexible articles. (18th May 1956).
60519. British Insulated Callender's Cables Limited. Improvements in or relating to apparatus for reeling electric cables and other elongated flexible articles. (18th May 1956).
60520. Rohm & Haas Company. Preparation of isothiocyanethylimidazolidinethione and compositions made therefrom.
60521. Constock Liquid Methane Corporation. Method and apparatus for reducing power needed for compression.
60522. Tyre Equipment & Reconditioning Company Limited. Apparatus for moulding or reconditioning pneumatic tyres. (15th June 1956).
60523. M. Gerhold, Dipl.-Ing. Dr. Method of an apparatus for conversion of gaseous or liquid hydrocarbons.
60524. Dr. Kamala Kanta Majumdar. Improved process for the treatment of minerals such as mica.
60525. Owens-Corning Fiberglas Corporation. Process and apparatus for producing glass fibres.
60526. Dr. C. Otto & Comp. G.m.b.H. Plug door for chamber ovens for producing gas and coke.
60527. James Mackie & Sons Limited. Improvements relating to gill boxes. (17th May 1956).
60528. Barclay-Stuart (Electronics) Limited. Mats or gratings especially for use in bath rooms.
60529. Ciba Limited. Manufacture of ethylene compounds.
60530. E. M. Phillips. An improved metering device for use in connection with milking machinery.

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60531. Societe Des Usines Chimiques Rhone-Poulenc. Improvements in or relating to the production of antibiotics.
60532. Ciba Limited. Monoheterocyclic compounds and process for producing same.
60533. J. E. Witzky. Improvements relating to the operation of internal combustion engines. (12th April 1957).
60534. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning. Bleaching process by means of chlorites.
60535. H. Wuster. Umbrella.
60536. Svenska Aeroplan Aktiebolaget. Improvements in and relating to hydraulic presses.
60537. S. H. Magid. Improvements in thermoplastic articles having separate thermoplastic edgings and method of making same.

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60538. M. Singh. Improved kerosene oil lantern.
60539. Bata Shoe Company Private Limited. Shoe pressing machines. (19th October 1956).
60540. Bata Shoe Company Private Limited. Mechanical last exchangers. (19th October 1956).
60541. Collins Radio Company. Elimination of spurious response in an electromechanical filter.
60542. B. V. Patankar. Solar distilling plant.

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60543. N. L. Varma. An improved attachment for stove burners and the like.
60544. Samarendra Nath Das and Jatindra Nath Set. Lakshmi charkha, a spinning appliance for the cottage workers in India.
60545. "SHELL" Research Limited. Lubricating compositions. (22nd May 1956). [Addition to No. 47506].

60546. Imperial Chemical Industries Limited. Continuous bleaching of cellulosic textile materials. (23rd May 1956).
60547. C. C. Wakefield & Company Limited. Improvements in or relating to lubricating oil compositions. (28th May 1956). [Addition to No. 55781].
60548. SKF Kugellagerfabriken Gesellschaft Mit Beschränkter Haftung. Double apron drafting mechanism.
60549. Olin Mathieson Chemical Corporation. Compositions and methods. (8th June 1956).
60550. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Transparent films from linear propylene high polymers.
60551. Societa Farmaceutici Italia. Process for preparing 4-chloro-3-keto- Δ 4-steroids.
60552. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of ethylene imine compounds.
60553. Canadian Patents and Development Limited. Improvements in apparatus for recording and reproducing sound utilizing perforated magnetic tape. (5th March 1957).
60554. N.V. Onderzoekingsinstituut Research. A process for the manufacture of threads, fibres, films and like products from viscose.
60555. Council of Scientific and Industrial Research. Production of liquid rubber.
60556. Council of Scientific and Industrial Research. A new method for the manufacture of spherical crystals of alkali halides.
60557. H. R. F. Kaulla. Superheating arrangement for steam-driven vehicles, especially for locomotives. [Addition to No. 55534].
60558. Shri Ram Institute for Industrial Research. Improvements in or relating to curing catalyst composition for the treatment of textile materials with aminoplast resins.

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60559. Olin Mathieson Chemical Corporation. Synthesis of steroids. (6th March 1957).
60560. Olin Mathieson Chemical Corporation. Synthesis of steroids. (6th March 1957).
60561. American Cyanamid Company. Preparation of antibiotic substances.
60562. Rohm & Haas Company. Preparation of dinitroalkylphenyl methacrylates and use thereof.
60563. The Dow Chemical Company. Improved dye-receptive polymer compositions.
60564. Ferro Enamels Limited. New and improved pigment.
60565. The General Electric Company Limited. Improvements in or relating to receivers for use in electric signalling systems. (29th May 1956).
60566. The General Electric Company Limited. Improvements in or relating to electric oscillator systems. (29th May 1956).
60567. Diamond Alkali Company. Physical chemical method. [Addition to No. 58750].
60568. Ciba Limited. Improvements in or relating to containers having removable closure caps.
60569. Ciba Limited. Manufacture of new phthalazines.

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60570. N.V. De Bataafsche Petroleum Maatschappij. Bituminous compositions.
60571. The Indian Oxygen & Acetylene Company Private Limited. Treatment of molten ferrous metals. (22nd May 1956).
60572. The Indian Oxygen & Acetylene Company Private Limited. Nozzles. (29th May 1956).
60573. The Indian Oxygen & Acetylene Company Private Limited. Means for arresting quenching or retarding the propagation of flame or explosion. (5th June 1956).
60574. The Indian Oxygen & Acetylene Company Private Limited. Method of and apparatus for producing liquefied gas from gas stored under pressure. (11th June 1956).
60575. Imperial Chemical Industries Limited. Polyethylene films. (1st June 1956).

50576. Chicago Pneumatic Tool Company. Cam clutch device.
50577. Fish Carburetor Corporation. Carburetor.
50578. The General Electric Company Limited. Improvements in or relating to the electrolytic coating of magnesium and magnesium alloys.
50579. The General Electric Company Limited. Improvements in or relating to electric lighting fittings.
50580. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to the manufacture of thermionic cathodes. (5th June 1956).
50581. Dexion Limited. Improvements relating slotted constructional elements. (23rd May 1956).
50582. Ciba Limited. Pharmaceutical preparations containing a new amino benzene sulphonamide. [Divisional date 15th May 1956.]

Alteration of Date

59972. Ante-dated to 29th December 1955 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India, Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

55200. T. Tojo. Process for separation of amino-compounds. Accepted on 16th May 1957.

By adding acid or alkali to a starting mixture of free amino compounds or salts respectively, separating and re-converting the amino compound or salt into the desired compound or salt.

55244. Vychodoceske Papiřny. A method for the production of conical bobbins from helically wound paper strips for textile machines. Accepted on 21st May 1957.

Paper strip prior to their winding is impregnated with a synthetic resin and after winding is polymerised.

55246. Imperial Chemical Industries Limited. Improvements in or relating to a method for the production of artificial filaments, threads, fibres and the like. Accepted on 21st May 1957.

Characterized by subjecting coagulated filaments to a solution of aluminium, titanium or zirconium salt and to formaldehyde.

55289. Council of Scientific and Industrial Research. A process for the hot-dip aluminizing of ferrous materials. Accepted on 17th May 1957.

Wherein prior to aluminizing the ferrous materials are dipped in a molten flux comprising chlorides of zinc, sodium and potassium, aluminium fluoride and cryolite.

55612. International Research and Development Corporation. Improvements in or relating to process for refining of glyceride oils and fats. Accepted on 18th May 1957.

Treating solid source material containing glyceride oils and fats with a refining agent so as to convert oil soluble impurities to water soluble impurities.

55614. International Research and Development Corporation. Improvements in or relating to process of separating components of oleaginous mixtures by fractional crystallization. Accepted on 18th May 1957.

Forming a miscella of oleaginous materials in a solvent and lowering the temperature.

55831. United States Steel Corporation. Improvements in power transmitting systems particularly for flying shears. Accepted on 16th May 1957.

Comprising mechanical means for rotating the variable speed shaft with a speed curve such that the speed of the constant speed shaft is midway between the maximum and minimum speeds of the variable shaft.

55851. J. R. Geigy A.-G. 3,5-dioxo-pyrazolidones bicyclically substituted in the 4-position. Accepted on 17th May 1957.

Condensing a substituted malonic acid diester with hydrazine.

55883. J. W. Roberts Limited. Method of and apparatus for reducing or eliminating dust in the formation of sprayed asbestos coatings. Accepted on 21st May 1957.

Asbestos mixed with predetermined quantity of water or other damping material.

55886. General Aniline & Film Corporation. Improvements in the production of phthalocyanine vat dyes. Accepted on 21st May 1957.

Reacting cobalt phthalocyanine with formaldehyde in presence of a strong acid.

55890. United States Steel Corporation. Apparatus for detecting pin holes in sheets. Accepted on 21st May 1957.

Comprising light source and photosensitive means placed on opposite sides of the sheets, spaced guides having a horizontal and a vertical portion and a cover member, the horizontal portion and cover member having slots therein.

55941. J. A. Crabtree & Co. Limited. Improvements in electric circuit breakers. (15th December 1954). Accepted on 16th May 1957.

A bimetal current carrying member connected to a parallelly disposed and closely spaced rigid metal strip.

55945. V. K. Batra. Improvements in or relating to separators or spacers for card index racks or cabinets. Accepted on 16th May 1957.

Width of each separator or spacer is more and less than the width of the rack at its lower and upper end respectively.

55963. Laboratoire Sapos. and E. Frommel. Improvements in or relating to new quaternary amino ethers and process for the preparation thereof. (14th October 1955). Accepted on 21st May 1957.

Wherein an amino alkoxide is heated with diethylamino ethyl halide, and the tertiary amino ether obtained is quaternized.

55991. D. Napier & Son Limited. Shroud ring construction for turbines and compressors. (16th December 1954). Accepted on 18th May 1957.

Consisting of a tubular outer casing and an annular shroud ring disposed within casing, said ring comprising a series of separate arcuate circumferentially extending sections.

55998. Nederlandse Organisatie Voor Toegepast-Natuurwetenschappelijk Onderzoek Ten Behoeve Van Nijverheid Handel En Verkeer. Process for the production of permselective membranes and the membranes thus produced. Accepted on 22nd May 1957.

Comprising decreasing the electrical resistivity by incorporating in a film of polymeric substance ionic groups having dissociation constant of at least 10^{-5} .

56125. Standard Telephones and Cables Limited. Improvements in or relating to electric oscillation generators. (9th March 1955). Accepted on 18th May 1957.

Comprises a thermionic valve associated with a resonant circuit.

56140. AB Tudor. Improvements in and relating to microporous rubber separators for secondary cells. (11th March 1955). Accepted on 20th May 1957.
- Threads of net work in separator, extend in channels in rubber material each having cross sectional area sufficiently large with respect to that of thread within it to allow threads or at least main part of them to slide with some friction in their channels with respect to rubber material without breaking due to stretching when separator is bent.*
56188. Etablissements Merlin & Gerin. Improvements to magnetic blow-out circuit-breakers. Accepted on 16th May 1957.
- Electric continuity between front arcing horn and out put terminal is secured only during beginning of break movement by movable conductor.*
56189. E. H. L. Hedstrom and R. V. Tegholm. Apparatus for detecting and exploring mineral ores and other geological formations and subterranean metal bodies and the like. Accepted on 21st May 1957.
- Magnetic rotary field transmitted by transmitter and by at least one receiving unit moved over an area, anomalies produced in magnetic rotary field are measured and/or recorded.*
56201. Imperial Chemical Industries Limited. Dyeing process. (12th January 1955). Accepted on 16th May 1957.
- Treating textile materials with a dispersion of azo dyestuff obtained by coupling diazotised primary aromatic amine with 8-hydroxy quinine, 4-hydroxybenzthiazole or 4-hydroxy acridine and thereafter treating textile material with metallising agent.*
56209. Imperial Chemical Industries Limited. Dyeing process. (12th January 1955). Accepted on 16th May 1957.
- Apply metallisable dyestuff and treating the textile materials with coordination compound of metal.*
56211. United States Pipe and Foundry Company. Improvements in or relating to a device for applying coating material and to a centrifugal casting apparatus employing the device. Accepted on 17th May 1957.
- Having a metal mould which is adapted to rotate about its horizontal axis and to reciprocate longitudinally.*
56312. The Goodyear Tire & Rubber Company. Improvements in flanged hose and coupling. Accepted on 16th May 1957.
- The coupling includes a rigid member bonded to a flanged terminus of the elastomeric conduit.*
56313. The Goodyear Tire & Rubber Company. Improvements in reprocessing flexible cellular materials. Accepted on 16th May 1957.
- Dissolving flexible cellular material in polymeric material and adding water and polyisocyanate to the liquid.*
56368. Chas. Pfizer & Co. Inc. Steroid compounds and the preparation thereof. [Addition to No. 54518]. Accepted on 18th May 1957.
- By contracting Δ^4 -pregnane-11 β , 14 α , 17 α , 21 tetrol-3,20 dione with the oxidizing activity of an organism of the genus *Mycobacterium*.*
56404. J. R. Geigy A.-G. Process for the production of lakes. Accepted on 16th May 1957.
- Coupling a diazotised aminobenzene sulphonic acid with an O-hydroxy naphthoic acid arylamide.*
56431. Maersk Raffindderiet. Process and apparatus for the pyrolytic conversion of heavy oil. Accepted on 16th May 1957.
- Characterized in that reaction and regeneration temperatures are substantially in excess of those heretofore employed and solid refractory materials are made to flow through the reaction and regeneration zones in the form of compact moving bed.*
56634. The Norwich Pharmacal Company. Improvements in or relating to N-(5-nitro-2-furyl)-alkylidene-3-amino-2-oxazolidones. Accepted on 16th May 1957.
- Condensing 5-nitro-2-furaldehyde with 3-amino-2-oxazolidone.*
56663. The Wellcome Foundation Limited. Improvements in and relating to the preparation of intermediates in the synthesis of pyrimidine compounds. (10th March 1955). Accepted on 17th May 1957.
- Reacting α -p-chlorophenyl- β -ketovaleronitrile with methyl sulphate in the presence of an alkali metal bicarbonate.*
56725. Council of Scientific and Industrial Research. A new process for the purification of selenium. Accepted on 20th May 1957.
- Dissolving selenium in warm alkali metal sulphite and adding dilute mineral acid.*
56838. G. Crespi. Improvements in or relating to basic refractory lining for the walls and the hearth plates of metallurgical furnaces. Accepted on 17th May 1957.
- Lining is formed by a refractory mixture consisting of coarse pieces of dolomite mixed with dolomite in powder form and binding agents.*
56852. Chas. Pfizer & Co. Inc. Steroid compounds and the preparation thereof. Accepted on 16th May 1957.
- Contacting 3-keto steroid compound having a single double bond in ring A at 4,5-position with chloranil.*
56854. D. Napier & Son Limited. Exhaust duct assemblies for air-craft propulsion units of the combustion turbine type. (30th March 1955). Accepted on 16th May 1957.
- Comprises annular diffusing duct terminating in two volute ducts and a common delivery duct, leading to a nozzle.*
56926. Societe Des Usines Chimiques Rhone-Poulenc. New antibiotic substances and processes for the preparation thereof. (2nd January 1956). [Addition to No. 52357.] Accepted on 21st May 1957.
- Subjecting solution of spiramycin to treatment in counter current distribution apparatus employing as phases aromatic hydrocarbon or chlorinated hydro carbon and a salt solution buffered to pH 6 to 7, and isolating constituents from organic phase fraction.*
56931. Takeda Pharmaceutical Industries Limited. Improvements in or relating to preparing α -kainic acid and its derivatives. Accepted on 21st May 1957.
- By exciting the molecular energy by heating of corresponding β -kainic acid and β -allokainic acid.*
56939. G.C.A. Alric. Method for finishing a knitted fabric and knitted fabrics obtained thereby. Accepted on 22nd May 1957.
- Locking the free meshes of a knitted fabric by causing at least one transverse thread to pass through said meshes so as to act like a key to prevent any revelling.*
57038. A. Gerard. Improvements in body compositions for ceramic. Accepted on 22nd May 1957.
- Body composition is prepared from silicious component, a hydraulic cement and water.*
57087. Ciba Limited. New Process for the production of a pure alkaloid known as deserpidine. Accepted on 16th May 1957.
- A mixture of reserpine and deserpidine is treated with a nitrosoating agent and deserpidine is separated from the nitrosoation product.*
57152. California Spray-Chemical Corporation. Stabilization of chloro organic compounds and stabilized compositions containing said compounds. Accepted on 21st May 1957.
- Incorporating minor proportion of neutral organic ester of acid of phosphorus.*

57171. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Pyridylmethyl phosphate and preparation thereof. (29th April 1955). Accepted on 17th May 1957.
Treating pyridyl(3) methyl alcohol by treating it with a mixture of phosphorus pentoxide and phosphoric acid.
57187. Dunlop Rubber Company Limited. Improvements in or relating to annular rim seals for tubeless pneumatic tyres. (19th May 1955). Accepted on 16th May 1957.
Annular rim seal of flexible resilient rubber extends across width of each of the lead to be gripped between them and the rim with an inflation valve attached to it.
57200. National Research Development Corporation. Improvements in or relating to the recovery of gold from aqueous cyanide. (6th May 1955). Accepted on 17th May 1957.
Treating gold bearing aqueous cyanide liquor with anion exchange resin.
57207. Inventio Aktiengesellschaft. Improvements in or relating to elevators. Accepted on 21st May 1957.
A coupling is disposed between driving motor and a hoist engine and means are provided to control the torque of the coupling.
57302. Lane-Wells Company. Improvements in or relating to well perforators. Accepted on 21st May 1957.
Comprising a body of high explosive material formed with a forwardly facing metal lined concavity and upon detonation form a high velocity forwardly moving gaseous perforating jet.
57339. Acrow (Engineers) Limited. Improvements in or relating to cantilever bracket, such as for use with builders' scaffolds. (15th November 1955). Accepted on 20th May 1957.
The brackets comprises a vertical member, a horizontal member adapted receive scaffold boards and a bracing strut.
57389. May & Baker Limited. Improvements in or relating to phenothiazine derivatives. (19th April 1956). Accepted on 20th May 1957.
By effecting reduction of a corresponding nitrile in the presence of an amine.
57420. Didier-Werke A.G. Rolling mill low furnace for slabs and blocks or ingots. Accepted on 17th May 1957.
Comprises burners in cross well in such a way that the flame touches tangentially the longitudinal wall.
57470. Standard Telephones and Cables Limited. Method for extruding a polymer of chlorotrifluoroethylene to form the insulating coating of an electric conductor. Accepted on 21st May 1957.
Communiting powdered polymer comprising with tablets and feeding these into extruder.
57485. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Basically substituted butyric acid amides and a process for their manufacture. Accepted on 16th May 1957.
Amino group in α -amino- β hydroxy-butyric acid anilide is reacted with formaldehyde in presence of formic acid or catalytically hydrogenated in presence of formaldehyde.
57524. I. Egami. Method and apparatus for the practically continuous production of metallic magnesium by the fused salt electrolysis of chlorides, preferably a mixture substantially consisting of magnesium and sodium-chloride. Accepted on 21st May 1957.
A metal shell containing carbonaceous substance and magnesium compound are used as anode box.
57667. The Colmol Company. Rotary chipping means for use an anticulating mounting of an intermittent mining machine. Accepted on 20th May 1957.
Comprising a reciprocal plate, upper and lower gear boxes, a pair of rotary shafts, a gear train, chipping heads mounted on the shafts when the plate is reciprocated.
57901. Ciba Limited. Process for the manufacture of new polyglycol derivatives. Accepted on 20th May 1957.
By hydroxy alkylation or condensation with polyglycol ether or its halide with compound of formula $H_2N-(alkylene)-(NH-alkylene)_m-1-NH$ P 1 -H where m is 1-3 and p is 1-2.
57902. Ciba Limited. Process for the manufacture of new polyglycol ether derivatives and use of these derivatives as softening agents for cellulose fibers. Accepted on 20th May 1957.
By hydroxy alkylation or condensation with polyglycol ether or its halide of acyl compound derived from compound of formula $H_2N-alkylene [NH-alkylene]_{m-1}-NH$ where m is 1 to 3.
57925. R. Rummel. Process of and apparatus for gasifying fuels. (25th May 1956). Accepted on 21st May 1957.
Fuels, gasifying agents and reaction products are rotated about the axis of the shaft in gas producer.
57930. Fiat Societa Per Azioni. Aircraft equipped with a readily removable container incorporated by the aircraft structure. Accepted on 16th May 1957.
Readily removable container incorporated by the aircraft structure.
57944. Kabushiki Kaisha Nagata Seisakusho. A water wave height equalizing device for the water dressing chamber in a water dressing machine for coal. Accepted on 18th May 1957.
Comprising a water tank divided into two compartments having six chambers, crude coal thrown onto a screen through a feeding port and is dressed while moving on a screen by waves of water caused in a water dressing chamber by operating air valves.
57951. Boots Pure Drug Co. Ltd., A process for preparing a dichloro-acetanilide derivative. (22nd July 1955). Accepted on 16th May 1957.
Reacting 4-hydroxy-N-methylaniline with chloralhydrin in presence of acid binding agent.
58257. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Salts of disubstituted carbamic acid esters and process for the manufacture thereof. Accepted on 16th May 1957.
Reacting disubstituted carbamic acid ester with quaternizing agent.
58284. Olin Mathieson Chemical Corporation. Tissue preservation. Accepted on 20th May 1957.
Removing tissue from healthy animal body source and maintaining the tissue in a bath with blood component from the same type animal.
58383. Council of Scientific and Industrial Research. A method of isolation of sapogenins. Accepted on 20th May 1957.
Hydrolysing saponin with aqueous acid.
58487. Power Jets (Research & Development) Limited. Jet propulsion plant. (5th October 1955). Accepted on 16th May 1957.
Main duct with a forward air intake has a dynamic compressor and an independent source of high velocity gas connected to the discharge.
58548. W. Price. Improvements in or relating to electric water heaters. Accepted on 18th May 1957.
Water flows in succession through a primary path of heat exchanger, heating element, secondary path of heat exchanger and outlet.
58554. Council of Scientific and Industrial Research. Process for reducing hygroscopicity and caking of ammonium nitrate fertiliser. Accepted on 22nd May 1957.
Ammonium nitrate granules are coated with bone powder or river silt.
58605. Texaco Development Corporation. Production of lubricating oils. Accepted on 16th May 1957.
Subjecting lubricating oil in mixture with hydrogen and in presence of catalysts to mild hydrogenation and then subjecting the lubricating oil so treated, in admixture with hydrogen and in presence of catalysts to a temperature of 400° to 650°F and a pressure of 750 to 5000 psig.
58675. Ing. A. Cink. A roller chain lock. Accepted on 22nd May 1957.
One of two jaws rotatable around a pin is provided with a recess for the sleeve of another chain link.

58676. Natvarlal Bhikhabhai & Co. Private Ltd. Improvements in or relating to toys. Accepted on 17th May 1957.

The toy comprises a cylindrical body having a stem of hard substance; the stem slidably fits in the body.

58698. Howa Kogyo Kabushiki-Kaisha. Improvements in or relating to draft assembly in spinning frame. Accepted on 18th May 1957.

A stabilizer in combination with weighting devices, stabilizes the draft.

58708. C. T. Koshy. Single shaft automatic handloom. Accepted on 20th May 1957.

Sley movement operates main shaft, cylindrical cam on which moves a lever for shading and picking operations.

59748. Libbey-Owens-Ford Glass Company. Method and mold for bending glass sheets. Accepted on 18th May 1957.

Locating heated sheet on shaping surface, bending there on portion of first marginal area when opposite area thereof is maintained above, then contacting the remainder with said shaping surface.

58749. Markham & Company Limited. Improvements in or relating to crushing apparatus. Accepted on 16th May 1957.

Comprising relatively movable shearing members having comparatively small clearance with shearing edge of one to the other.

58866. Ciba Limited. Process for the manufacture of a 1:3:5-triazine compound. [Addition to No. 55650]. Accepted on 20th May 1957.

Wherein a 4:6-bis-diethylamino-1:3:5 triazine containing in the 2-position a free or etherified mercapto group is treated with hydrazine.

58995. S. Immovilli. Improved electric stator. Accepted on 16th May 1957.

An inside stator unit presenting open slots and outside stator unit, both annular construction and concentric, the outer stator unit being blocked between two shoulders of the outer casing.

58996. Laake Oy. Method of preparing derivatives from difficultly reactive organic compounds. Accepted on 16th May 1957.

A compound containing phenol or other reactive hydroxy group is reacted with quaternary ammonium salts or amino sugars or both.

59125. Ciba Limited. Process for the optical brightening of polyester fibres. Accepted on 20th May 1957.

By treating fibres with a brightening agent which is free from water-solubilising groups and contains atleast one heterocyclic ring condensed with a benzene ring.

59162. Casablancas High Draft Company Limited. Improvements in or relating to textile fibre drafting apparatus. (2nd May 1956). Accepted on 20th May 1957.

Top rollers centrally located by guide means provided on an underlying guide arm extending transversely to the roller axis and anchored at the rear end to a fixed part of the apparatus.

59163. Casablancas High Draft Company Limited. Improvements in dual boss top rollers for textile fibre drafting mechanisms. (22nd June 1956). Accepted on 20th May 1957.

Tubular arbor carries rotatably the intermediate sleeve member on which the bosses are locked against relative rotation.

59221. Imperial Chemical Industries Limited. Improved process for the oxidation of benzanthrene. (4th January 1956). Accepted on 18th May 1957.

Treating benzanthrene with aqueous nitric acid.

59254. The Sudan Gezira Board, and Robert Boby Limited. Machines for pulling cotton plants and the like out of the ground. (10th January 1956). Accepted on 17th May 1957.

The device has a pair of endless moving belts lengths and a pair of pneumatic tyred wheels.

59409. Massey-Harris-Ferguson (Manufacturing) Limited. Improved threshing machine. (19th January 1956). Accepted on 20th May 1957.

Gleanings from thresher conveyed to re-thresher through a separator and the products again conveyed to the separator.
E.H.L.

58566. Stora Kopparbergs Bergslags Aktiebolag. Method by oxidizing treatment of iron alloys with an oxygen-rich gas. Accepted on 20th May 1957.

Oxygen rich gas is mixed with water and possibly other materials in the alloy to prevent evolution of smoke.

58671. Ing. A. Cink. Apparatus for flame cutting of profiled tube ends. Accepted on 22nd May 1957.

Copies the penetration curve on the tube directly from the surface on where to be welded.

59972. Hedstrom and R. V. Tegholm. Apparatus for detecting and exploring mineral ores and other geological formations and subterranean metal bodies and the like. [Divisional date 29th December 1955]. Accepted on 21st May 1957.

Transmitting unit setting up a magnetic alternating field and at least two receiving devices electrically inter connected with transmitting units the receiving devices being continuously moved and adapted to measure and/or record the gradients continuously over the space between two receiving devices, of anomalies set up in said magnetic alternating field in the region of exploration.

Patents Sealed

54145, 54223, 54520, 54641, 54711, 54744, 54745, 54755, 54761, 54770, 54783, 54784, 54799, 54816, 54833, 54848, 54858, 54982, 55041, 55083, 55102, 55152, 55160, 55161, 55196, 55213, 55431, 55432, 55723, 55787, 55922, 55936, 56004, 56046, 56078, 56134, 56178, 56233, 56335, 56349, 56393, 56434, 56496, 56501, 56548, 56722, 56729, 56812, 56813, 56835, 56882, 56989, 56991, 57130, 57144, 57195, 57205, 57430, 57653, 57731, 58047.

Amendment Proceedings

The amendment proposed by EVG Entwicklungs-Und Verwertungsgesellschaft m.b.H., in respect of Patent Application No. 54591 as advertised in the Gazette of India, Part III, Section 2, dated the 16th February 1957, has been allowed.

Renewal Fees Paid

24195, 24203, 24221, 24892, 25412, 26676, 26678, 27573, 28100, 28183, 28250, 28914, 29657, 29711, 29788, 29789, 29791, 29826, 31026, 31054, 31097, 32667, 32735, 32748, 32749, 32807, 34746, 34813, 34951, 34952, 34954, 34973, 34980, 34989, 34990, 35006, 35136, 35139, 35172, 35190, 35239, 35317, 35392, 35807, 36889, 37042, 37614, 37637, 37775, 38037, 38251, 39792, 39793, 39805, 39820, 39839, 39847, 39868, 39895, 39899, 39900, 39902, 39903, 39904, 39905, 39906, 39907, 39911, 39932, 39933, 39939, 39943, 39953, 39954, 39967, 40016, 40022, 40122, 40173, 41410, 41465, 41468, 41473, 41475, 41495, 41501, 41539, 41611, 41641, 41645, 41652, 41721, 42071, 42699, 43166, 43178, 43183, 43198, 43199, 43267, 43277, 43279, 43292, 43301, 43308, 43310, 43318, 43324, 43370, 43545, 43634, 43636, 43637, 43677, 44174, 44829, 44938, 45090, 45113, 45259, 45269, 45270, 45295, 45300, 45303, 45306, 45308, 45321, 45324, 45349, 45357, 45367, 45406, 45407, 45412, 45413, 45418, 45426, 45429, 45430, 45467, 45700, 45820, 46899, 47081, 47354, 47400, 47404, 47407, 47419, 47420, 47424, 47428, 47443, 47446, 47449, 47452, 47455, 47466, 47467, 47481, 47506, 47521, 47550, 47592, 47600, 47628, 47718, 47719, 47886, 48050, 48124, 49162, 49493, 49561, 49583, 49590, 49624, 49667, 49688, 49698, 49711, 49718, 49728, 49732, 49743, 49759, 49773, 49788, 49791, 49808, 49823, 49841, 49844, 49846, 49866, 49867, 49868, 49871, 49886, 49889, 49903, 49912, 50039, 50040, 50233, 50275, 50464, 50473, 50572, 50660, 50885, 51452, 51641, 51658, 51674, 51915, 51992, 52005, 52029, 52045, 52046, 52048, 52080, 52081, 52121, 52128, 52156, 52185, 52186, 52193, 52236, 52247, 52315, 52363, 52444, 52445, 52472, 52578, 52579, 52899, 52738, 53006.

Cessation of Patents

31919.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the design including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1 No. 89768. Appaji Narayan Rao, 20, Picket Road, Bombay 2, Indian, "Kanarese type founts", February 2, 1957.

Class 1 No. 89911. Nelson & Company, 62, Swamy Pillai Street, Choolai, Madras, Indian Partnership Firm, consisting of Partners, Messrs. A. M. Sambandam, A. M. Sundaram, A. M. Ponnappan, A. M. Kandaswamy, A. M. Prabhakaran and A. M. Thirunavukarasu, "Tamil Type Fonts", February 16, 1957.

Class 1 No. 89060. Orient General Industries Ltd., 6, Ghorebibi Lane, Narkeldanga, Calcutta 11, State of West Bengal, India, a Company incorporated in India, "Electric Fan", December 6, 1956.

Class 3 No. 90405. Hoover Limited, Manufacturers, of Perivale, Greenford, Middlesex, England, a Company registered under the Laws of Great Britain, "A Suction Cleaner Casing", (30th January 1957), March 26, 1957.

Class 5 No. 90091. Tiruvengadam Pillai Kusava Pillai, Tiruvengadam Pillai Varada Pillai and Munuswami Mudaliar Anandham Mudaliar, Trading as Gouri Products, 19, Pidariar Koil Lane, Madras 1, Hindus, Subjects of the Indian Republic, "Label", February 28, 1957.

Class 10 No. 90085. Bata Shoe Company Private Limited, 30, Theatre Road, Calcutta 16, West Bengal, India, Footwear Manufacturers, a Company incorporated under the Indian Companies Act, "Sole for footwear", February 27, 1957.

Class 13 Nos. 89770 and 89772 to 89778. The Svadeshi Mills Co. Ltd., Bombay House, Bruce Street, Fort, Bombay (Nationality Indian), "Textile Goods", February 2, 1957.

Class 13 Nos. 90140 to 90146. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay 1, "Textile Goods", March 5, 1957.

Class 13 Nos. 9200 to 90203. The India United Mills Ltd., Indu House, Dougall Road, Ballard Estate, Bombay 1, India, a Company incorporated in India, "Textile piece-goods", March 11, 1957.

Class 13 Nos. 90291 and 90295. The Central India Spg., Wvg. and Mfg. Co. Ltd., Bombay House, Bruce Street, Fort, Bombay, Indian, "Textile Goods", March 18, 1957.

Class 13 Nos. 90318 to 90321. Dhanraj Mills (Private) Ltd., of Sun Mill Road, Lower Parel, Bombay, India, an Indian Company, "Cloth textile piece-goods", March 20, 1957.

Class 13 Nos. 90542 to 90546, 90548, 90552, 90556, 90557 and 90559 to 90571. The Svadeshi Mills Co. Ltd.,

Bombay House, Bruce Street, Fort, Bombay (Nationality Indian), "Textile Goods", April 15, 1957.

Class 13 No. 90445. The Victoria Mills Limited, an Indian Company situated at De Lisle Road, Parel, Bombay 13, "Cotton piece-goods", April 4, 1957.

Class 13 Nos. 90466 to 90469. The Mafatlal Fine Spg. and Mfg. Co. Ltd., an Indian Company of Navsari, Bombay State, "Textile Goods", April 6, 1957.

Class 13 Nos. 90486, 90488 and 90489. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay 1, "Textile Goods", April 8, 1957.

Class 13 Nos. 90582 and 90583. Modi Spinning and Weaving Mills Co. Ltd., Modinagar, Dist. Meerut, Uttar Pradesh, Indian Company, "Textile piece-goods", April 15, 1957.

Class 13 Nos. 90597 to 90601. Dhanraj Mills (Private) Ltd., Sun Mill Road, Lower Parel, Bombay, India, a Company incorporated in India, "Textile piece-goods", April 16, 1957.

Class 14 Nos. 89769 and 89771. The Svadeshi Mills Co., Ltd., Bombay House, Bruce Street, Fort, Bombay (Nationality Indian), "Textile Goods", February 2, 1957.

Class 14 Nos. 90293 and 90294. The Central India Spg., Wvg. and Mfg. Co. Ltd., Bombay House, Bruce Street, Fort, Bombay, Indian, "Textile Goods", March 18, 1957.

Class 14 No. 90447. The Victoria Mills Limited, an Indian Company situated at De Lisle Road, Parel, Bombay 13, "Cotton Piece-goods", April 4, 1957.

Class 14 No. 90487. The Century Spg. and Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay 1, "Textile Goods", April 8, 1957.

Class 14 No. 90553. The Svadeshi Mills Co., Ltd., Bombay House, Bruce Street, Fort, Bombay (Nationality Indian), "Textile-goods", April 15, 1957.

Copyright Extended for a Second Period of Five Years.

Design Nos. 74300 to 74339, 74345 to 74352 and 74372, Class 13.

Design Nos. 74340 to 74344 and 74353, Class 14.

Copyright Extended for a Third Period of Five Years.

Design No. 70248, Class 4.

Designs Nos. 70207, 70243, 70244, 70246 and 70247, Class 13.

Designs Nos. 70208 and 70245, Class 14.

H. N. GHOSH

Controller of Patents and Designs